



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

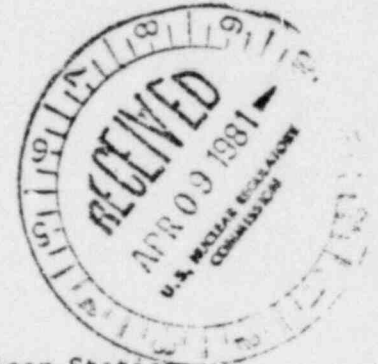
April 8, 1981

NUCLEAR PRODUCTION DEPARTMENT

U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:



SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File 0270/15601/15602
EOF Conceptual Description
AECM-81/25

As discussed with your staff on October 30, 1980, and in response to Mr. Darrel G. Eisenhut's February 18, 1981, letter (Generic Letter 81-10), Mississippi Power & Light Company (MP&L) is pleased to submit to you a conceptual description of the Emergency Operations Facility (EOF) for the Grand Gulf Nuclear Station. The attached document addresses each of the categories included in NUREG-0696 and reflects our construction plans. In addition, one full set of 24" x 30" drawings are also included.

Our intent is to build an EOF that will be habitable under all probable accident conditions: a Protection Factor (PF) of 50, isolatable ventilation with HEPA and charcoal filtration, and necessary supplies to support long-term emergency management near site. The EOF will be situated adjacent to the GGNS reactor simulator. Although the simulator area is not habitable to the same degree as the EOF, in most cases it should prove to be a value in accident management.

The EOF structure will provide more than adequate protection and will serve as the only emergency response center for offsite emergency coordination. There are no current plans for a backup facility, as one should not be required with such a hardened primary facility. In this regard, the EOF as presently envisioned will represent an exception to the requirements of Table 2, "Relation of EOF Location to Habitability Criteria", contained in NUREG-0696 released February 17, 1981. Our EOF will become operational in accordance with a schedule consistent with NUREG-0737.

Handwritten notes: 3001, S, 1/1, Perhaps Dist. SEND Denton to! PM

This document contains supplemental information to the GGNS Emergency Plan which was submitted to you via AECM-80/279, dated November 20, 1980. A detailed description for the GGNS Emergency Response Facilities Information System (ERFIS) was submitted to you via AECM-81/52, dated February 12, 1981. Since some additional information is currently being developed, we will provide the finalized EOF submittal at a later date.

F Member Middle South Utilities System

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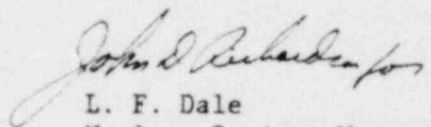
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Since conceptual design work has been completed, working drawings are finalized and the start of construction of the EOF is imminent, we request your comments and approval as soon as possible. If you have any questions, please contact us.

Yours truly,



L. F. Dale
Nuclear Project Manager

JRF/LRM/JDR:lm
Attachments

cc: Mr. N. L. Stampley
Mr. G. B. Taylor
Mr. R. B. McGehee
Mr. T. B. Conner

Mr. Victor Stello, Jr., Director
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555